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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014,232	12/11/2001	Vickram Vathulya	US010643	3114

7590 02/13/2003

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EXAMINER

CHANG, YEAN HSI

ART UNIT	PAPER NUMBER
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2835

DATE MAILED: 02/13/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/014,232

**Applicant(s)**

VATHULYA, VICKRAM

**Examiner**

Yean-Hsi Chang

**Art Unit**

2835

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 11 December 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8 and 10-15 is/are rejected.
- 7) ☒ Claim(s) 9 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01 March 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4. 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Objections*

1. Claim 15 is objected to because of the following informalities: The “a keyboard” in line 2 should be “the computer” if same keyboard is recited. Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in-

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or  
(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

3. Claims 1-8 and 10-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Kuchta et al. (US 6,208,505 B1).

Kuchta teaches an apparatus for supporting a keyboard, comprising:

- A frame member (22+12+16, fig. 2) having an upper end (40, fig. 2) and a lower end (23, fig. 2) (claim 1)

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- Means (44, fig. 2) for attaching the upper end of the frame member to a point (not numbered) of a monitor (34, fig. 2) such that the lower end (end of 16, fig. 2) of the frame member extends from a lower portion of the monitor outward and away from a front surface (not numbered) of the monitor to support the keyboard (shown in fig. 2) (claims 1 and 2)
- Wherein the frame member is substantially C-shaped (shown in fig. 2) (claim 3)
- Wherein the frame member is configured to move from an extended position (shown in fig. 2) to a retracted position (not shown, see col. 2, lines 33-39) to support the keyboard in a position above a surface of a desktop (inherent, not shown)(claims 4, 6-7 and 12)
- A tray (16, fig. 2) attached to the lower end of the frame member for supporting the keyboard (claim 5)
- Wherein the frame member comprises at least one elongated tubular member (22, fig. 2) (claim 8)
- Wherein the keyboard is supported in a location adjacent to the monitor (shown in fig. 1) (claim 10)
- A ramp (18, fig. 1) attached to the frame member between the upper end and the lower end (claim 11)

4. Claims 13-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Vong et al. (US 6,480,372 B1).

Vong teaches a monitor comprising:

- A display screen housing (207, fig. 5) (claim 13)
- A support frame (110+102+124, fig. 5) attached to a rear portion (not numbered) of the display screen housing for supporting the display screen housing at a distance above a desktop (inherent, not shown) and attaching the keyboard to the monitor, wherein a channel (127, fig. 2) having a width greater than a thickness of the keyboard (shown in figs. 5 and 12) is defined between the display screen housing and the support frame (claims 13-15)
- Means for supporting the keyboard within the channel (160, fig. 5) (claim 13)

#### ***Allowable Subject Matter***

5. Claim 9 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. The following is a statement of reasons for the indication of allowable subject matter: The best prior art of record, Kuchta et al. (US 6,208,505 B1) and Vong et al. (US 6,480,372 B1), taken alone or in combination, fails to teach or fairly suggest an apparatus for supporting a keyboard to a monitor, wherein the keyboard is split along a longitudinal axis to allow the keyboard to fold along the longitudinal axis as set forth in claim 9.

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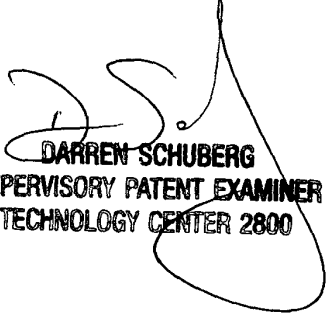
**Correspondence**

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yean-Hsi Chang whose telephone number is (703) 306-5798. The examiner can normally be reached on 07:30-16:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on (703) 308-4815. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-3431 for regular communications and for After Final communications. There are RightFAX numbers and provide the fax sender with an auto-reply fax verifying receipt by the USPTO: Before-Final (703-872-9318) and After-Final (703-872-9319).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 305-8558.

Yean-Hsi Chang  
Patent Examiner  
Art Unit: 2835  
February 9, 2003

  
**DARREN SCHUBERG**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800